

Recombinant Full Length *Gibberella Zeae* Palmitoyltransferase Erf2(Erf2) Protein, His-Tagged

Cat. No. RFL34089GF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Gibberella zeae</i> Palmitoyltransferase ERF2(ERF2) Protein (Q4I2M7) (1-679aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Gibberella zeae</i>
Source	<i>E. coli</i>
ProteinLength	Full Length (1-679)
Form	Lyophilized powder
AA Sequence	MASKPDDDGFLAPYVSRSDAQRPLSIVSSRMTDIASEDGDGPEVQNNRLSIPQSTD MGSR PDTARTGASSSRGPWQSQSLRNKTYLAGVQAKRGSVESSTAGSTSQPPSL SSRSHVPSLQ SHAFFRPMSSQKLQAQRGGSHRPSTMSQMSAAASPSSPTSPTSP TSPRSDEHGESSSSQM RQSIISNPIAQLQRQMSNEENMRPPPSRGTEMTEQETLD RITANTSPSHGHYPAGSLTDS VRPLQGMSSDTGHFQHSIIVDKSYKDLSNLPSPIKT PRSFRSSFLMPGRSNDGQLSQNRS TEGAELSSAASSPQFRPVDSHNEQQHPRV PYKPSQKSDLGRVHQYFDGNTVFCLGGRWQ NTRGRPINIATGIFVVVPCALFFGFE APWLWNNVSPAIPVIFAYLAYICFSSFIHASVTD PGILPRNLHQFPPVDDDDDDPLQLS PPTTDWALIKSAESTTAAMEVPVKHCRTCNWRPPR AHCRLCDNCIETHDHHCV WLNNCVGKRNYRYFFTFVTSATVLAAYLIATSLTQILLYRN RQGISFGQAVDHFRVP FALVFLGFITFLYPAALMGYHIFLMARGETTREYMNSHKFAKKE RFRAFSQASVFKN FIVVLCRPRQPTYQYQKAHYHEGDQRLGIRRDKRPRSSSQGLEMHQDV NPGSSGFQ

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	GPVSLRNDTPH
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	ERF2
Synonyms	ERF2; FGRRES_08531; FGSG_08531; Palmitoyltransferase ERF2; DHHC cysteine-rich domain-containing protein ERF2; Ras protein acyltransferase
UniProt ID	Q4I2M7

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